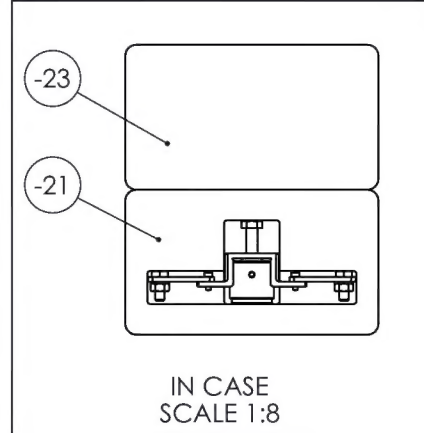
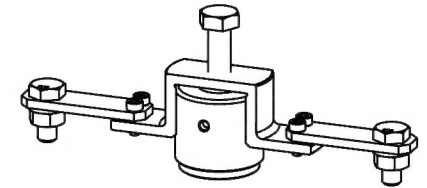
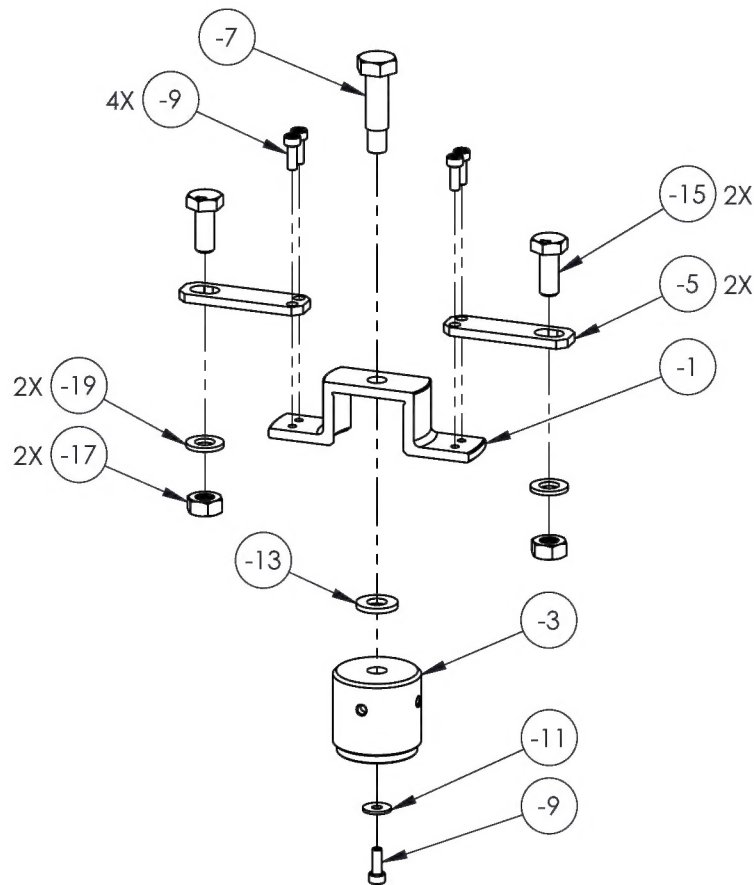


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	7/20/2016	DPD	JAG



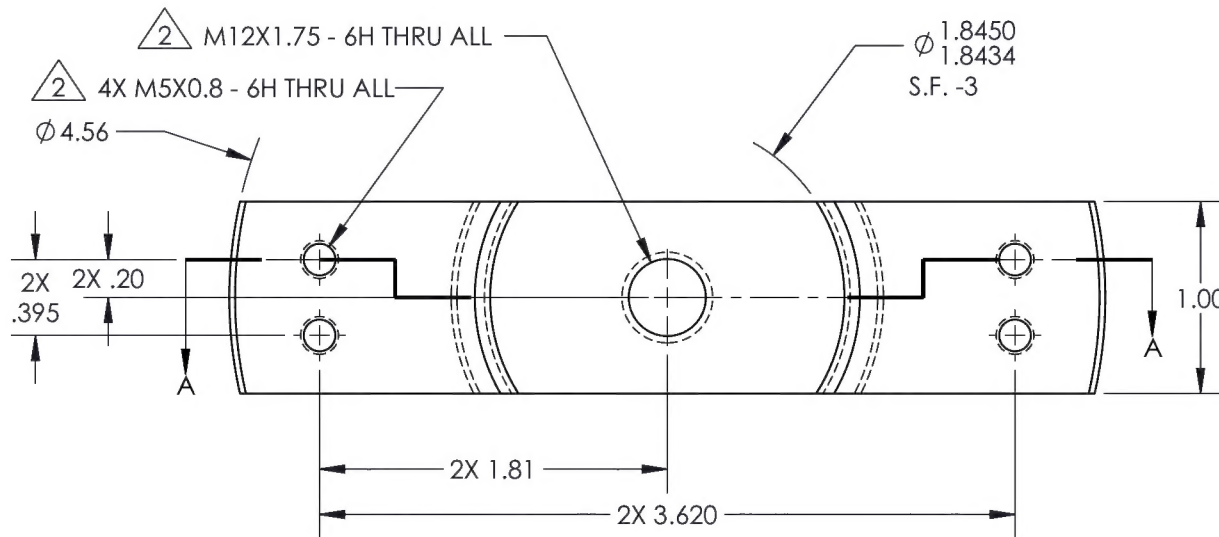
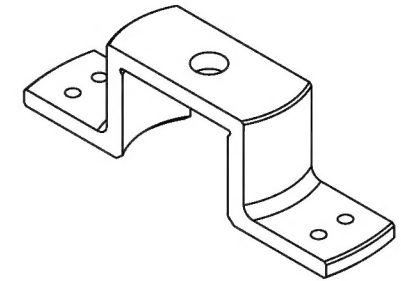
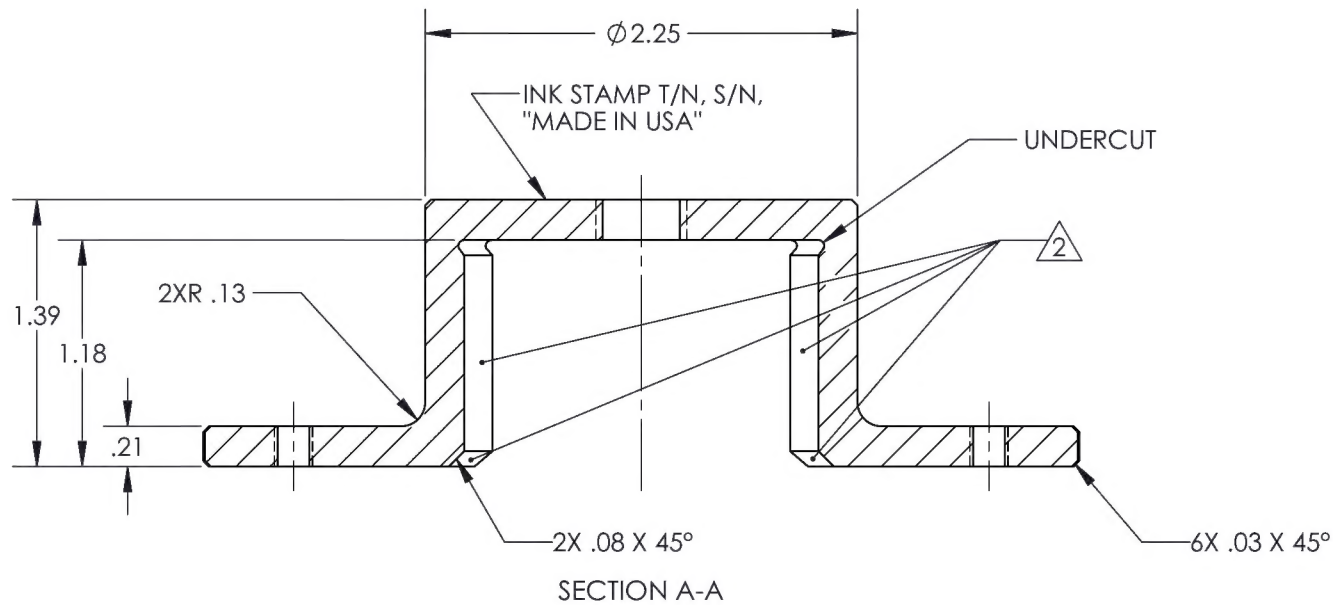
NOTE:
REF. AIRBUS T/N: M632V3015102.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BODY	4140/4142		2
			-3	1	GUIDE	4140/4142		3
			-5	2	ATTACH	6061		4
			-7	1	HEX HEAD CAP SCREW	STEEL	M12 X 1.75mm (MCMaster-CARR #91310A142) MODIFIED	5
		B/O	-9	5	SOCKET HEAD CAP SCREW	STEEL	M5 X 0.8mm X 14mm (MCMaster-CARR #95263A360)	1
		B/O	-11	1	WASHER	STEEL	M5 (MCMaster-CARR #91100A140)	1
		B/O	-13	1	WASHER	NYLON	M10 (MCMaster-CARR #95610A600)	1
		B/O	-15	2	HEX HEAD CAP SCREW	STEEL	M10 X 1.5mm X 25mm (MCMaster-CARR #91280A630)	1
		B/O	-17	2	HEX NUT	STEEL	M10 X 1.5mm (MCMaster-CARR #90591A171)	1
		B/O	-19	2	WASHER	STEEL	M10 (MCMaster-CARR #91166A280)	1
		B/O	-21	1	BOTTOM FOAM	Y20 BLACK	2.08 X 6.04 X 10.54 (I.R. SPECIALTY)	6
		B/O	-23	1	TOP FOAM	Y20 BLACK	1.08 X 6.04 X 10.54 (I.R. SPECIALTY)	7
		B/O	-25	1	CASE	PLASTIC	PELICAN #APP-1170-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S

TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO.	RBEM632V3015102
REV	1
MAT'L	UNLESS OTHERWISE SPECIFIED
FEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES
	.015 x 45° OR .015R
	2. DIMENSIONAL LIMITS APPLY
	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:4
DATE	6/3/2016
SHEET 1 OF 7	

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				APPROVED



①
BODY

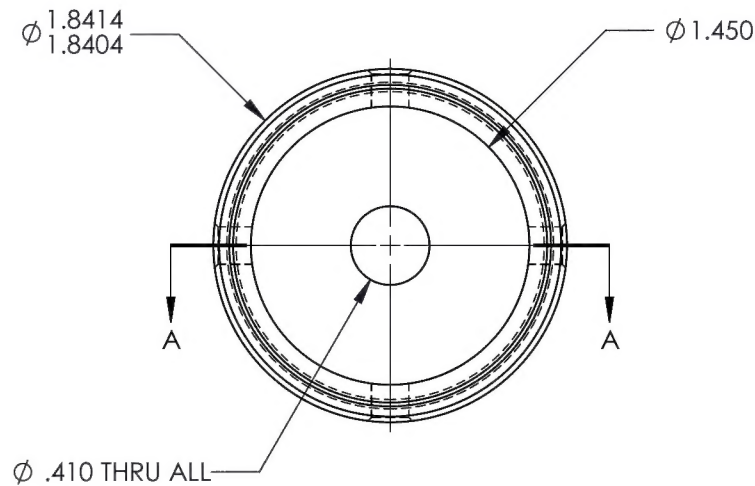
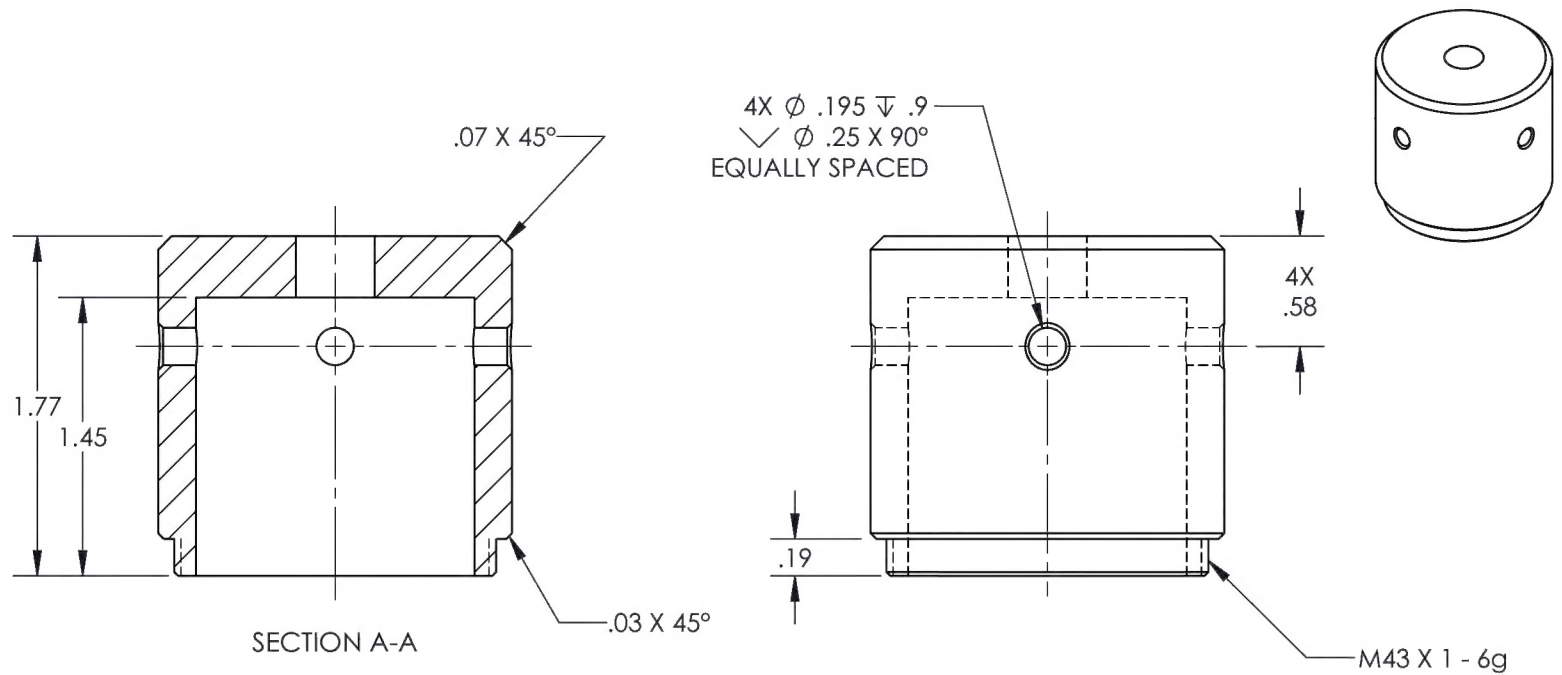
NOTES:

- DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.
- NO POWDER COAT THIS SURFACE.

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-1	REV 1
MAT'L 4140/4142 HEAT TREAT FINISH SEE NOTE 1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT CHECKED: MACKOVJAK OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 1:1	DATE 6/3/2016
SHEET 2 OF 7	

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				APPROVED

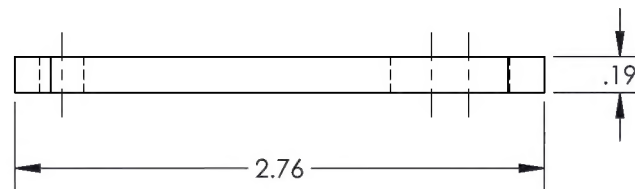
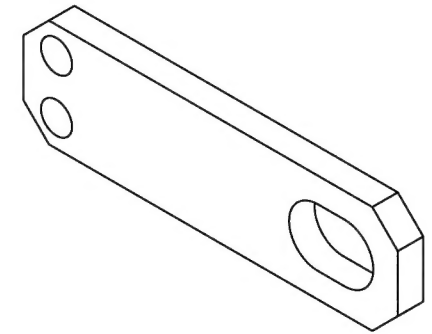
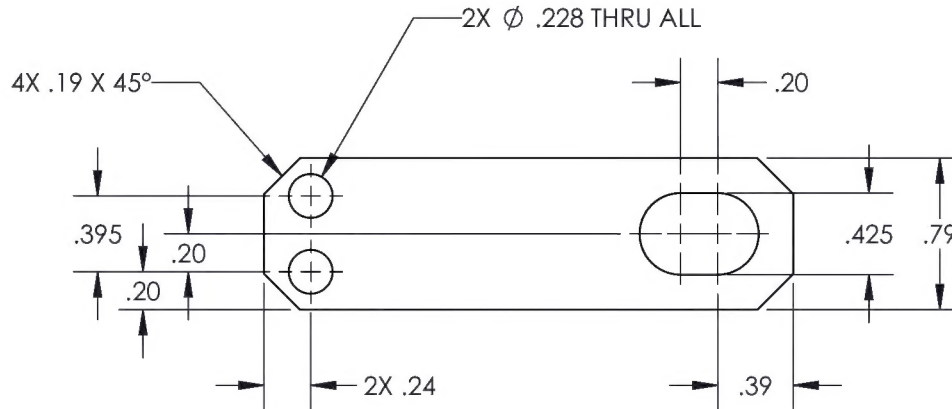


(-3)
GUIDE

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-3	REV 1
MAT'L 4140/4142 TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/8 .XX \pm .01 ANGLES \pm .5° .X \pm .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: MACKOVJAK	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 6/3/2016
SHEET 3 OF 7	

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REV	ECR	DESCRIPTION	DATE	INITIAL



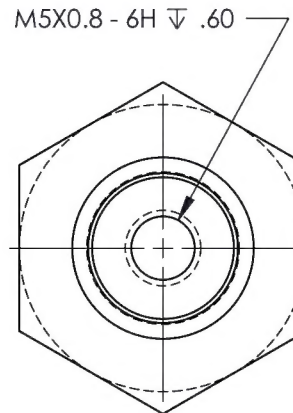
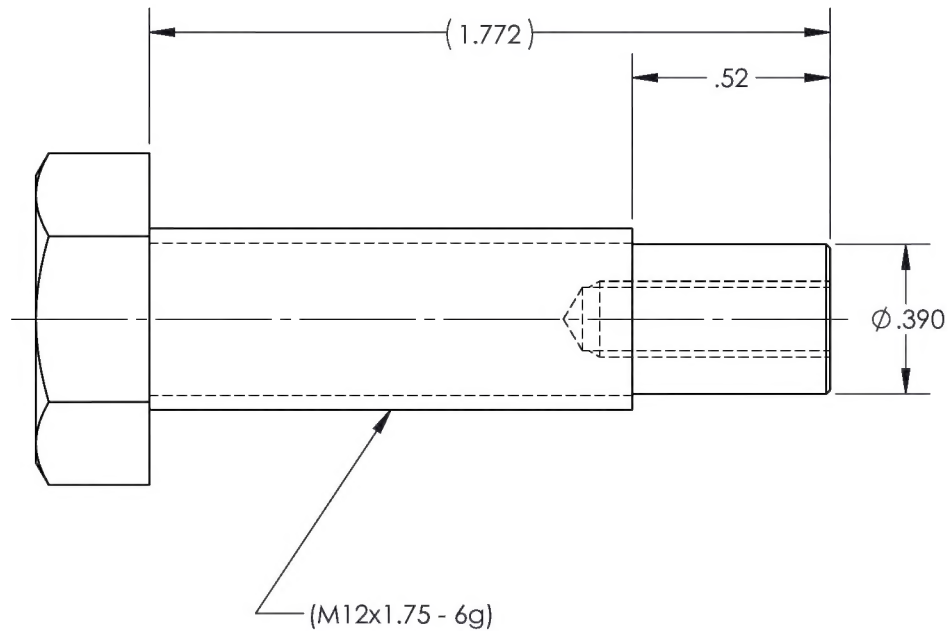
(-5)

ATTACH

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-5	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/3/2016	USED ON MODEL
SHEET 4 OF 7	H175

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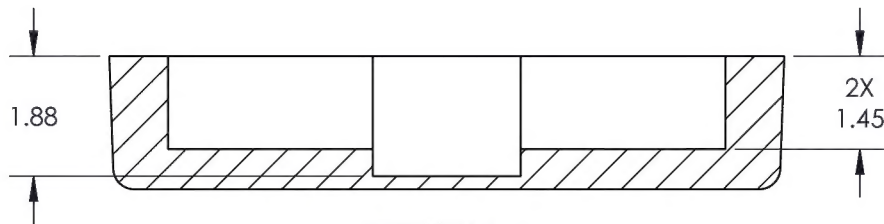
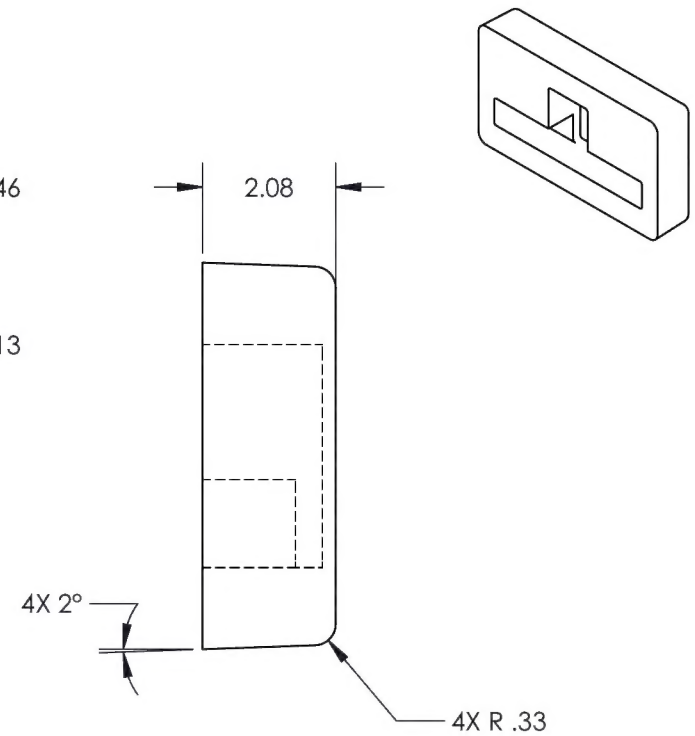
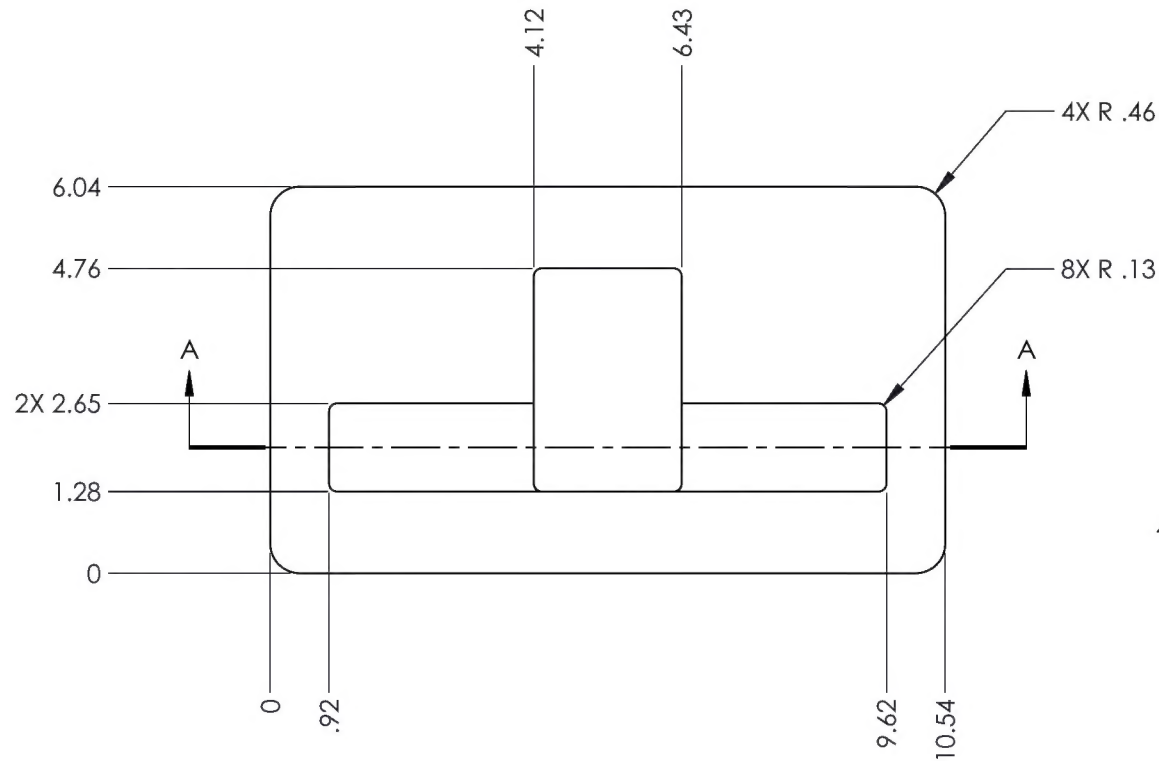


(-7)
HEX HEAD CAP SCREW

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-7	REV 1
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125°
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/3/2016	USED ON MODEL
SHEET 5 OF 7	H175

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				APPROVED



SECTION A-A

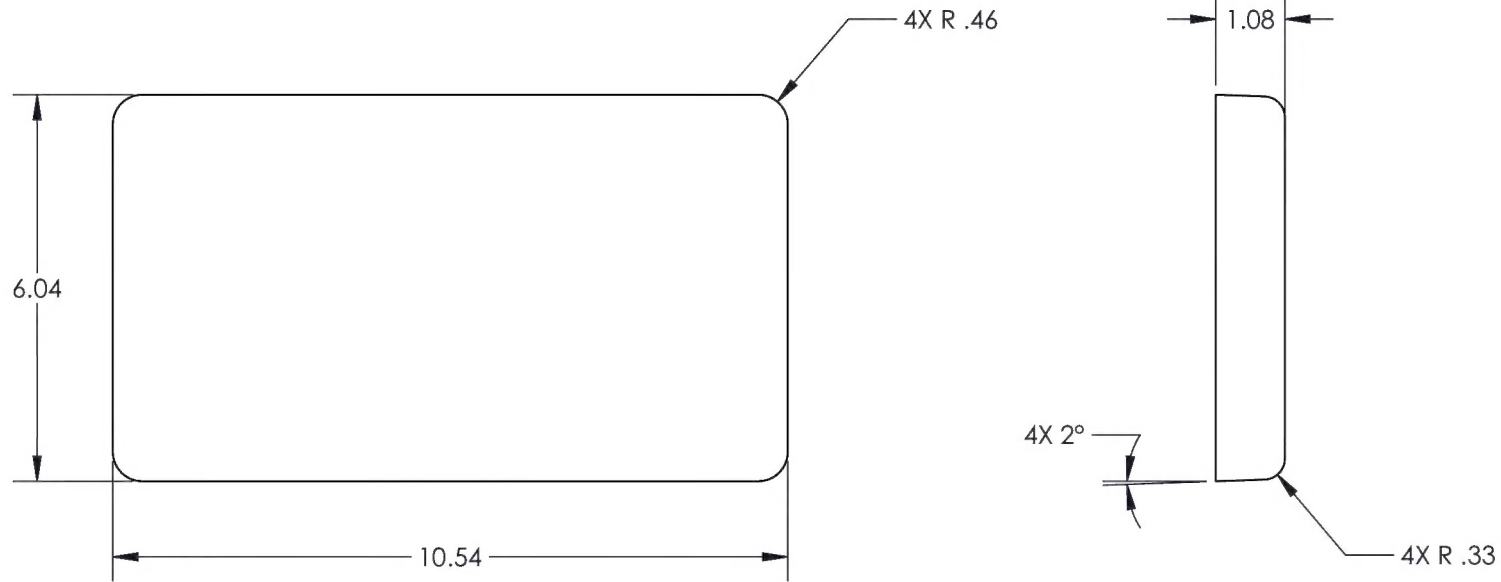
(-21)

BOTTOM FOAM

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-21	REV 1
MAT'L Y20 BLACK HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL H175
CHECKED: MACKOVJAK	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:3	DATE 6/3/2016
SHEET 6 OF 7	

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				APPROVED



(-23)
TOP FOAM

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-23	REV 1
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:3	DATE 6/3/2016
	SHEET 7 OF 7